

Region 3 GRPA Baseline RCRA Corrective Action Facility

Great Lakes Chemicals Company (Formerly: FMC Corporation)

**200 Pickens Road
Nitro, WV 25143
Congressional District 2
EPA ID #: WVD005005087
Last Updated 12/17/02**

Current Progress at the Site

The Nitro, WV facility is over 60 years old and is located on the banks of the Kanawha River, within ten miles of Charleston, WV. EPA has reviewed the Corrective Action Stabilization Questionnaire and the Preliminary Review, prepared by WV Division of Environmental Protection (WVDEP), that identified over twenty-five Solid Waste Management Units (SWMUs) at the site. WVDEP and EPA combined resources to complete RCRA closure of one of these SWMUs, the RCRA permitted container storage area,. Under the WVDEP state order, the facility determined the extent of contamination at the unit and in related soils at the site. In June 1999, the WVDEP released the facility from the financial responsibility requirements for closure of the RCRA storage area. The remaining SWMUs require additional environmental investigation to determine the extent of control of human exposures to contaminants and releases to groundwater.

In May 2002, EPA and the facility entered into a final corrective action administrative order under RCRA to complete the environmental investigation of the entire facility. EPA and the State will pursue characterization of onsite contamination and remediation of the remaining SWMUs and remediation of any releases of contaminants as appropriate. In July 2002, the facility forwarded to EPA its Description of Current Conditions Report. The report established an environmental baseline to begin investigation and remedial actions as necessary. EPA is reviewing the report.

Site Description

Located in Kanawha Valley, WV, FMC manufactured various commercial phosphorous-based organic and inorganic chemical intermediates from its chemical processes. The RCRA regulated container storage area was permitted by the State of West Virginia in 1984 and taken out of service in 1994. As a part of the environmental investigation for full closure of the RCRA unit, metals were detected in the sump associated with the RCRA regulated storage area. The facility has reorganized its processes and, in 1999, the facility received state closure of the RCRA solid waste management unit. The facility currently generates hazardous waste, but manages its waste offsite in less than 90 days. No permit is required for this practice.

Site Responsibility

RCRA Corrective Action activities at this facility are being conducted under the direction of EPA Region 3 with assistance from the State.

Contaminants

The investigation of the RCRA regulated SWMU has determined that the ground water is protected from arsenic contaminant migrating from the soil above, and the lead concentrations were below the EPA screening levels. The remaining SWMUs require additional information to determine the extent of any additional contaminants.

Community Interaction

There has been no community involvement in the process, although the documents were available for the general public.

Government Contacts

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For more information about EPA's corrective action webpage, including Environmental Indicators, please visit our site at: www.epa.gov/reg3wcmd/correctiveaction.htm

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